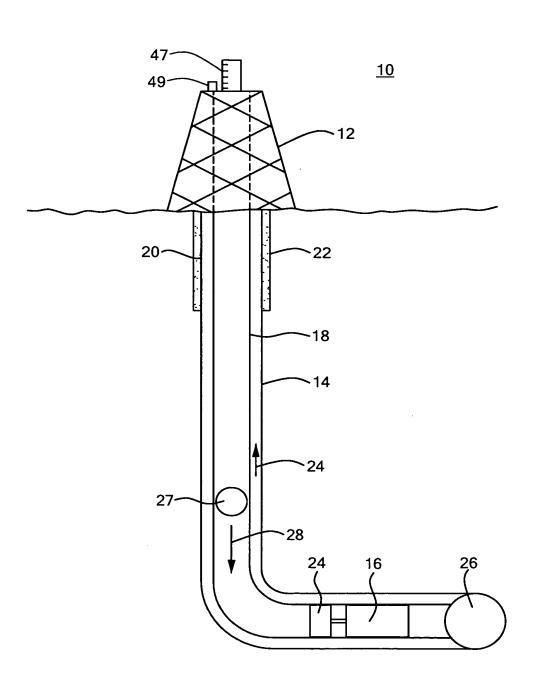


Applicants: Ash et al.
Title: BOREHOLE NAVIGATION SYSTEM
Serial No: 10/632,717
Docket No.: DR-356J

Reg. No.: 43,007 Atty: David W. Poirier

1 of 10

1/10



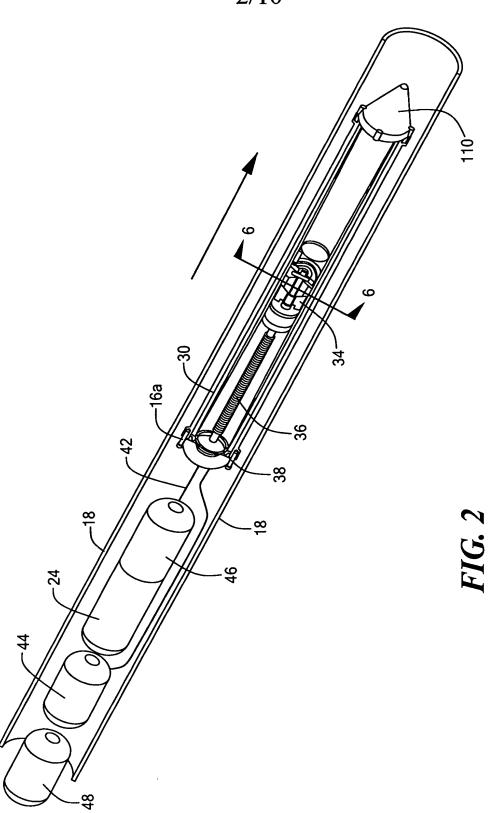
**FIG.** 1

Applicants: Ash et al.

Title: BOREHOLE NAVIGATION SYSTEM
Serial No: 10/632,717
Docket No.: DR-356J
Atty: David W. Poirier Reg. No.: 43,007

Reg. No.: 43,007 2 of 10

2/10

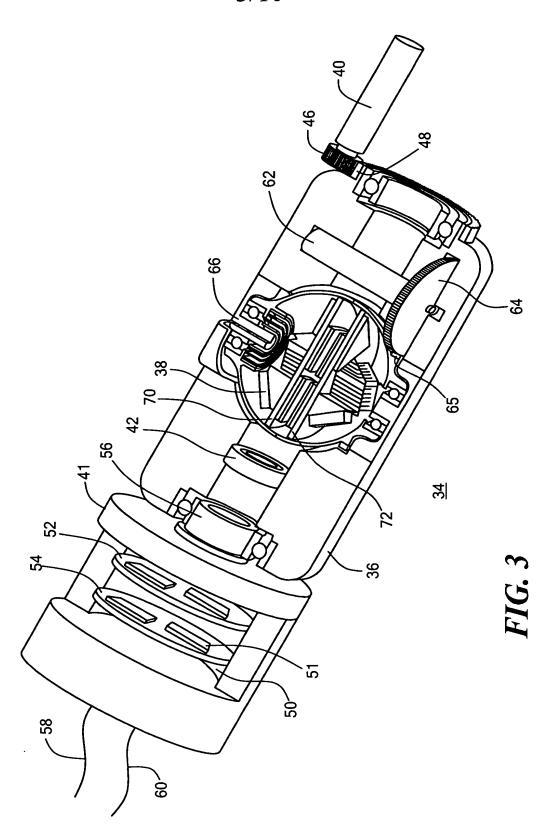


Applicants: Ash et al.

Title: BOREHOLE NAVIGATION SYSTEM
Serial No: 10/632,717
Docket No.: DR-356J
Atty: David W. Poirier Reg. No.: 43,007

Reg. No.: 43,007 3 of 10

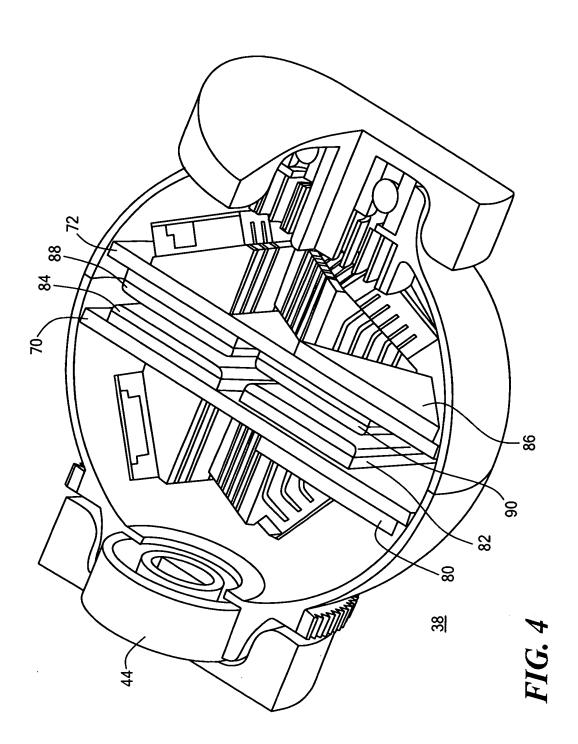
3/10



Applicants: Ash et al.

Title: BOREHOLE NAVIGATION SYSTEM
Serial No: 10/632,717
Docket No.: DR-356J
Atty: David W. Poirier Reg. No.: 43,007 Reg. No.: 43,007 4 of 10

4/10



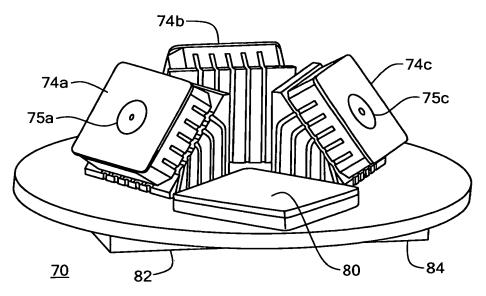
Applicants: Ash et al.

Title: BOREHOLE NAVIGATION SYSTEM
Serial No: 10/632,717

Docket No.: DR-356J Atty: David W. Poirier

Reg. No.: 43,007 5 of 10

5/10



**Accel Board Assembly** 

FIG. 5A

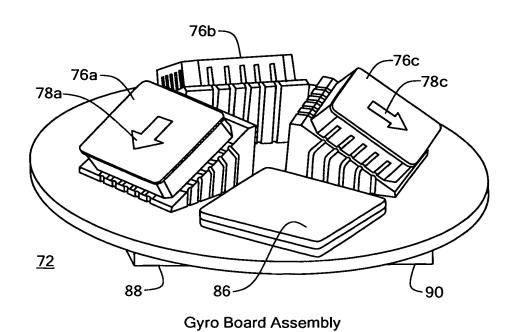


FIG. 5B

Applicants: Ash et al.

Title: BOREHOLE NAVIGATION SYSTEM
Serial No: 10/632,717
Docket No.: DR-356J
Atty: David W. Poirier Reg. No.: 43,007 Reg. No.: 43,007 6 of 10

6/10

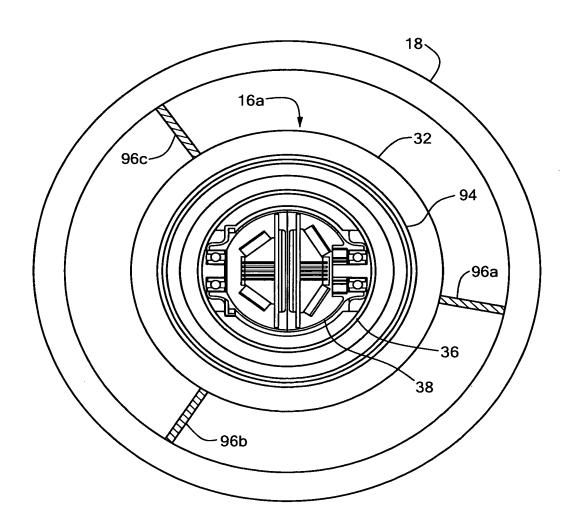


FIG. 6

Applicants: Ash et al.

Title: BOREHOLE NAVIGATION SYSTEM
Serial No: 10/632,717
Docket No.: DR-356J

Atty: David W. Poirier

Reg. No.: 43,007 7 of 10

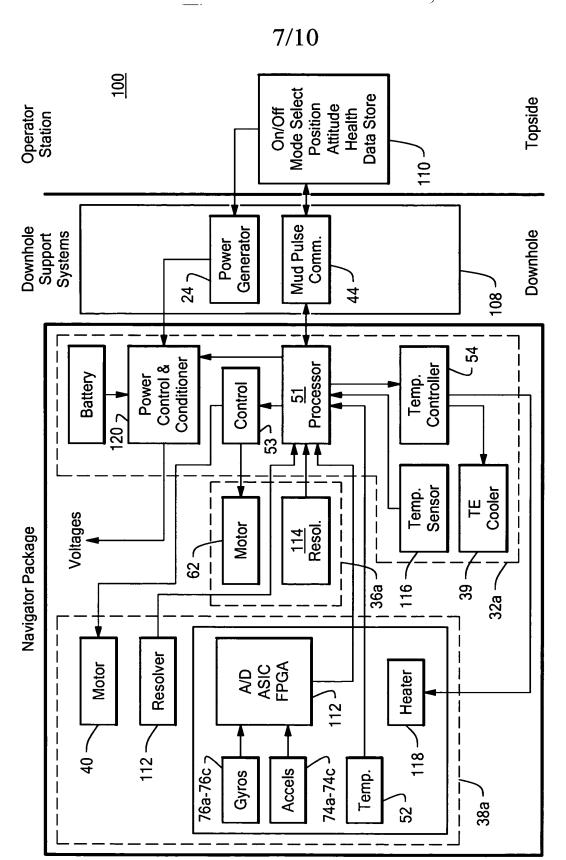


FIG. 7

Applicants: Ash et al.
Title: BOREHOLE NAVIGATION SYSTEM
Serial No: 10/632,717
Docket No.: DR-356J

Atty: David W. Poirier

Reg. No.: 43,007 8 of 10

8/10

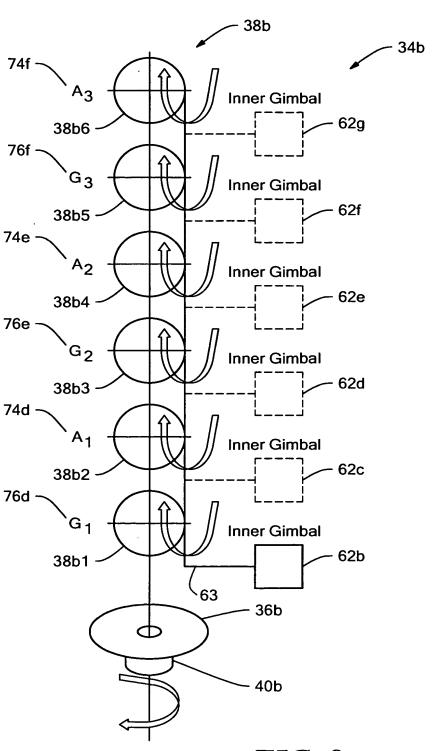


FIG. 8

Applicants: Ash et al.

Title: BOREHOLE NAVIGATION SYSTEM

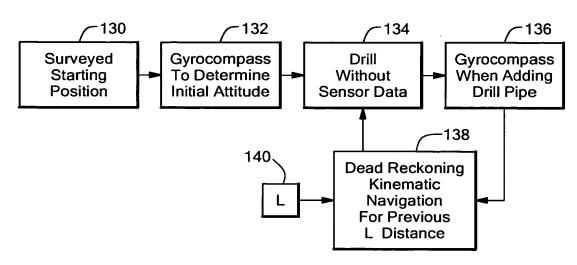
Serial No: 10/632,717

Docket No.: DR-356J

Atty: David W. Poirier Reg. No.: 43,007

9 of 10





## DEAD RECKONING FOR KINEMATIC NAVIGATION WHILE DRILLING BETWEEN GYROCOMPASSES

## FIG. 9

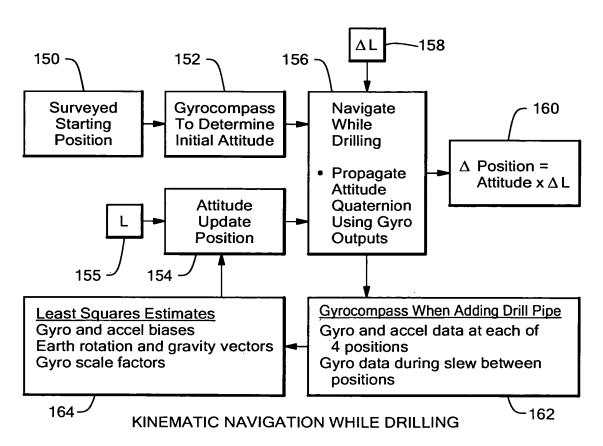


FIG. 10

Applicants: Ash et al.

**BOREHOLE NAVIGATION SYSTEM** Title:

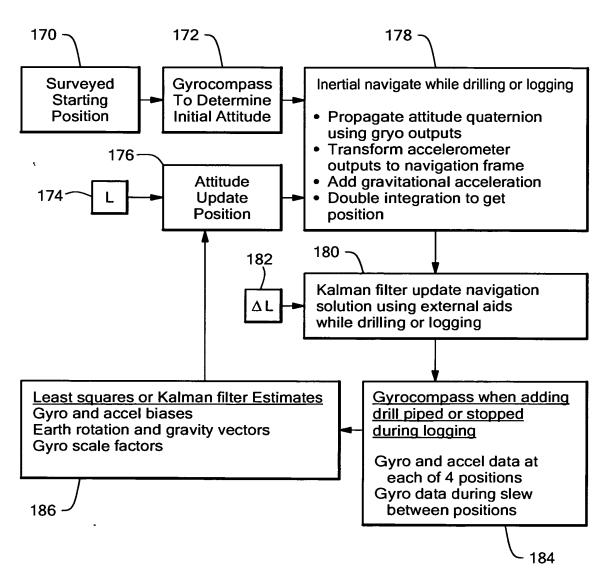
Serial No: 10/632,717

Docket No.: DR-356J Atty: David W. Poirier

Reg. No.: 43,007

10 of 10

## 10/10



INERTIAL NAVIGATION WHILE DRILLING OR LOGGING

FIG. 11